

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-49. (Cancelled)

50. (Currently Amended) A wettability changing layer comprising a wettability changing material and a metal salt, wherein:

the layer has a thickness of 100 to 1,000 angstroms;

the layer is capable of charge-injection and/or charge-transfer; and

wettability of the layer changes when light energy is applied to the layer; and

the metal salt selected from the group consisting of FeCl₂, FeCl₃, Cr(NO₃)₃, CrCl₃, NaNO₃, Ca(NO₃)₂, Sr(NO₃)₂, Co(NO₃)₂, CoCl₂, Cd(NO₃)₂, Mg(NO₃)₂, Cu(CH₃COO)₂, Cu(NO₃)₂, Ni(NO₃)₂, Mn(NO₃)₂, MnCl₂, PbNO₃, RuCl₃, IrCl₄, Ir(NO₃)₃, ScCl₃, Sc(NO₃)₃, H₂PtCl₆, RhCl₃, Tb(NO₃)₃, Pr(NO₃)₃, Dy(NO₃)₃, Sm(NO₃)₃, Ga(NO₃)₃, Gb(NO₃)₃, Yb(NO₃)₃, NbCl₅, ZrCl₄, Zr(NO₃)₂, KNO₃, LiNO₃, HAsCl₄, Pd(NO₃)₂, Eu(NO₃)₂, Nd(NO₃)₂, NiCl₂, Ce(NO₃)₃, CsNO₃, Er(NO₃)₃, Ba(NO₃)₂, La(NO₃)₃, AgCl, CH₃CH(OH)COOAg, AgNO₃, TiNO₃, Y(NO₃)₃, Pb(NO₃)₂, Ho(NO₃)₃, Bi(NO₃)₃ and mixtures thereof.

51. (Cancelled)

52. (Previously Presented) The layer according to claim 50, further comprising a photocatalyst.

53. (Previously Presented) The layer according to claim 52, wherein the photocatalyst is titanium dioxide.

54. (Previously Presented) The layer according to claim 50, further comprising a binder comprising an organopolysiloxane.

55. (Previously Presented) The layer according to claim 50, further comprising a binder obtained by crosslinking a reactive silicone.

56. (Previously Presented) The layer according to claim 50, further comprising a binder comprising fluoroalkyl groups.

57-67. (Cancelled)